POLYHEX

Intelligent Alcohol Test System Based on Intel Core i5 Processor

Specification：

System	
CPU	Intel Core i5 Processor
Operating System	Windows 7
RAM	4GB
SSD	120GB
Graphics	Integrated Graphics
I/O Interfaces	
Network	2 x 10M/100M Network Interfaces
Serial Ports	4 x Serial Ports
USB	6 x USB 2.0
Display	
Display Interfaces	HDMI/VGA/LVDS
Screen	23" 16:9 LCD Screen
Resolution	1920 x 1080
Response time	<3.5ms
Refresh rate	60Hz
Luminance	250cd/m2
Contrast Ratio	1000:1
Touch Screen	
Touch Screen Technique	Capacitive Touch Screen
Communication Interface	USB 2.0
Scanning Accuracy	4096 x 4096
Keyboard	Small Numeric Keyboard
Identification Module	Face Recognition, Fingerprint Recognition
Lifetime	>50M clicks
Alcohol Test System	
Sensor	Electrochemistry Sensor
Standard	GB21254-2007
Power Voltage	5V/12V
Test Range	0-1.5mg/L
Test Accuracy	±0.001mg/L
Interfaces	RS232/USB
Other Functions	
Card Reader	2 x LKJ Models
Speaker	2 x Speaker (10W)
Printer	Supports A4 Paper Printing
Power Supply	
Power Input	AC220V ± 20%
Power Consumption	100W
Mechanical & Environmental	
Size	64.8 x 49.7 x 154.5cm
Cooling	Fanless Cooling
Operating Temperature	-10℃~70℃
Humidity	≤95% No Condensation

ABOUT POLYHEX

As a board level and system level designer and manufacturer, Polyhex, with 9-year experience, always delivers best-in-class embedded computing solutions based on both ARM and X86 architecture, including hardware customization and software debugging etc. Partnered with silicon vendors like Intel, NXP, ST, Rockchip, Allwinner and so on, we have earned trust from clients worldwide in over 30 countries. Polyhex is also certified with ISO9001 and ISO13485 for the self-owned manufacture facility.

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Beyond the Embedded Deployment